LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.771	9	14	25	rBV	222605	320863	9.46%	0.497%
2	5.121	408	414	421	rBV	65335	97019	2.86%	0.150%
3	5.227	425	432	445	rBV2	182846	440405	12.98%	0.682%
4	6.707	679	684	690	rBV	59192	82849	2.44%	0.128%
5	6.848	702	708	722	rBV2	124344	253355	7.47%	0.393%
6	7.007	730	735	743	rVB	41455	66928	1.97%	0.104%
7	7.171	757	763	769	rBV	481254	746316	22.00%	1.157%
8	7.271	775	780	787	rVB	163337	240724	7.10%	0.373%
9	7.412	799	804	812	rBV2	63608	99938	2.95%	0.155%
10	7.624	832	840	846	rBV	95070	161068	4.75%	0.250%
11	7.694	846	852	856	rVV	165464	246407	7.26%	0.382%
12	7.735	856	859	871	rVB3	91524	156584	4.62%	0.243%
13	7.941	885	894	899	rBV	361196	595573	17.56%	0.923%
14	7.994	899	903	909	rVB	47672	70770	2.09%	0.110%
15	8.470	973	984	992	rBV8	20024	67237	1.98%	0.104%
16	8.787	1032	1038	1046	rVV	314965	520068	15.33%	0.806%
17	9.821	1204	1214	1221	rBV6	47848	111595	3.29%	0.173%
18	10.420	1306	1316	1321	rBV	133483	247418	7.29%	0.383%
19	11.319	1462	1469	1475	rBV	109391	174122	5.13%	0.270%
20	11.437	1482	1489	1492	rBV2	35989	68626	2.02%	0.106%
21	11.496	1492	1499	1507	rVB3	183360	476062	14.03%	0.738%
22	11.637	1514	1523	1526	rBV	1691569	3043777	89.73%	4.717%
23	11.684	1526	1531	1533	rVV	1701339	3014623	88.87%	4.672%
24	11.707	1533	1535	1539	rVV	1815014	2412099	71.11%	3.738%
25	11.748	1539	1542	1549	rVB	1261708	1557250	45.91%	2.413%
26	11.925	1560	1572	1576	rBV	1504270	2768260	81.61%	4.290%
27	11.977	1576	1581	1589	rVB	1119367	1743768	51.41%	2.702%
28	12.154	1606	1611	1616	rVB2	67978	108848	3.21%	0.169%
29	12.236	1616	1625	1633	rBV5	29990	79197	2.33%	0.123%
30	12.465	1659	1664	1670	rBV3	42193	68536	2.02%	0.106%
31	12.624	1687	1691	1701	rVB9	23638	60722	1.79%	0.094%
32	12.912	1733	1740	1748	rBV	831233	1213895	35.79%	1.881%
33	13.123	1767	1776	1779	rVV3	122156	276658	8.16%	0.429%
34	13.153	1779	1781	1790	rVV5	56827	95508	2.82%	0.148%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.405	1818	1824	1830	rBV4	47833	107118	3.16%	0.166%
36	13.464	1830	1834	1841	rVB5	40854	82702	2.44%	0.128%
37	13.611	1855	1859	1864	rVB	48173	76954	2.27%	0.119%
38	13.828	1890	1896	1901	rBV6	37168	79397	2.34%	0.123%
39	13.969	1907	1920	1924	rBV7	65130	172131	5.07%	0.267%
40	14.292	1971	1975	1981	rVV2	191421	324736	9.57%	0.503%
41	14.351	1982	1985	1990	rVB4	44564	62125	1.83%	0.096%
42	14.563	2017	2021	2026	rVB	61526	84987	2.51%	0.132%
43	14.757	2051	2054	2059	rVV4	44146	72264	2.13%	0.112%
44	14.833	2063	2067	2070	rVV3	39978	75626	2.23%	0.117%
45	15.268	2137	2141	2151	rVB6	66654	130140	3.84%	0.202%
46	15.368	2153	2158	2166	rVB9	53962	110624	3.26%	0.171%
47	15.479	2171	2177	2185	rVB7	43354	88794	2.62%	0.138%
48	15.755	2220	2224	2226	rVV	70600	101686	3.00%	0.158%
49	15.797	2226	2231	2237	rVV3	852436	1234893	36.41%	1.914%
50	15.873	2239	2244	2249	rVB4	70363	125749	3.71%	0.195%
51	16.055	2266	2275	2280	rBV	128000	230996	6.81%	0.358%
52	16.143	2282	2290	2294	rBV	704895	916884	27.03%	1.421%
53	16.214	2294	2302	2306	rVV2	431666	931350	27.46%	1.443%
54	16.267	2306	2311	2315	rVV2	544760	726140	21.41%	1.125%
55	16.308	2315	2318	2323	rVB	308196	372257	10.97%	0.577%
56	16.384	2323	2331	2334	rBV2	236347	363085	10.70%	0.563%
57	16.460	2339	2344	2351	rVV3	233561	431130	12.71%	0.668%
58	16.531	2351	2356	2360	rVV	658118	855797	25.23%	1.326%
59	16.566	2360	2362	2365	rVV	127572	164937	4.86%	0.256%
60	16.607	2365	2369	2374	rVV2	265890	379775	11.20%	0.589%
61	17.048	2439	2444	2453	rVB	273026	380935	11.23%	0.590%
62	17.248	2474	2478	2486	rVB2	49234	78201	2.31%	0.121%
63	17.747	2555	2563	2568	rBV	192943	341987	10.08%	0.530%
64	17.800	2569	2572	2578	rVB3	46952	76934	2.27%	0.119%
65	17.976	2596	2602	2607	rBV	837958	1213540	35.78%	1.881%
66	18.076	2613	2619	2623	rBV	1527660	2337140	68.90%	3.622%
67	18.123	2623	2627	2630	rVV	1985483	3202352	94.41%	4.963%
68	18.158	2631	2633	2636	rVV	1418350	1727017	50.91%	2.676%
69	18.211	2636	2642	2647	rVV2	1460043	2992707	88.23%	4.638%
70	18.258	2647	2650	2652	rVV2	332375	448447	13.22%	0.695%
71	18.294	2652	2656	2660	rVV2	1381181	2298473	67.76%	3.562%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.335	2660	2663	2667	rVV	2000163	2485751	73.28%	3.852%
73	18.376	2667	2670	2674	rVV	957856	1229095	36.23%	1.905%
74	18.423	2674	2678	2685	rVV2	2174519	3392082	100.00%	5.257%
75	18.493	2686	2690	2697	rVV	1118325	1622313	47.83%	2.514%
76	18.581	2701	2705	2709	rVB3	41166	63079	1.86%	0.098%
77	18.652	2712	2717	2724	rBV5	171441	370573	10.92%	0.574%
78	18.981	2769	2773	2779	rBV2	113700	158185	4.66%	0.245%
79	19.104	2789	2794	2795	rVV5	74026	127462	3.76%	0.198%
80	19.157	2799	2803	2809	rVV2	291166	501100	14.77%	0.777%
81	19.216	2809	2813	2815	rVV3	118862	163209	4.81%	0.253%
82	19.245	2815	2818	2823	rVV2	149195	227642	6.71%	0.353%
83	19.310	2826	2829	2833	rVB2	108322	140222	4.13%	0.217%
84	19.692	2888	2894	2897	rBV	1762378	2134363	62.92%	3.308%
85	19.727	2897	2900	2904	rVB	213398	260979	7.69%	0.404%
86	19.821	2911	2916	2922	rBV3	421542	906498	26.72%	1.405%
87	19.886	2922	2927	2931	rVV3	377220	692740	20.42%	1.074%
88	19.927	2931	2934	2939	rVV	341504	445904	13.15%	0.691%
89	19.980	2939	2943	2945	rVV	358610	480739	14.17%	0.745%
90	20.021	2946	2950	2953	rVV2	585446	964089	28.42%	1.494%
91	20.044	2953	2954	2958	rVV	281836	255188	7.52%	0.395%
92	20.091	2958	2962	2966	rVV	439139	555019	16.36%	0.860%
93	20.156	2970	2973	2980	rVB	223198	324277	9.56%	0.503%
94	20.597	3042	3048	3056	rBV6	75115	168721	4.97%	0.261%
95	20.938	3102	3106	3118	rBV3	206462	374133	11.03%	0.580%
96	21.243	3154	3158	3164	rVV	389275	526445	15.52%	0.816%
97	21.331	3169	3173	3175	rVV	85299	110531	3.26%	0.171%
98	21.378	3175	3181	3187	rVV3	115885	238904	7.04%	0.370%
99	21.831	3253	3258	3261	rBV5	35206	67259	1.98%	0.104%
100	23.482	3533	3539	3550	rVB	238909	455297	13.42%	0.706%

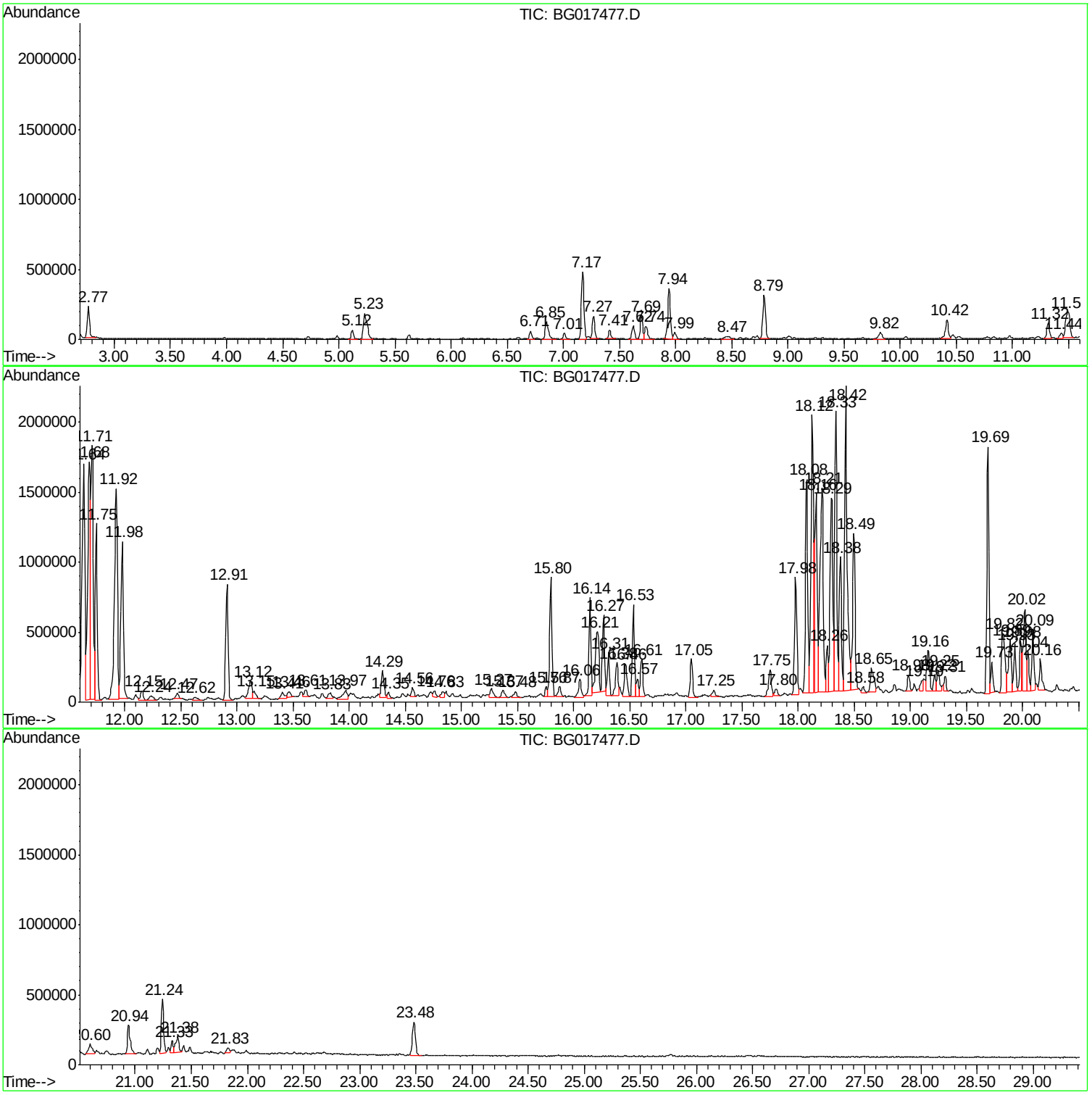
Sum of corrected areas: 64528877

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

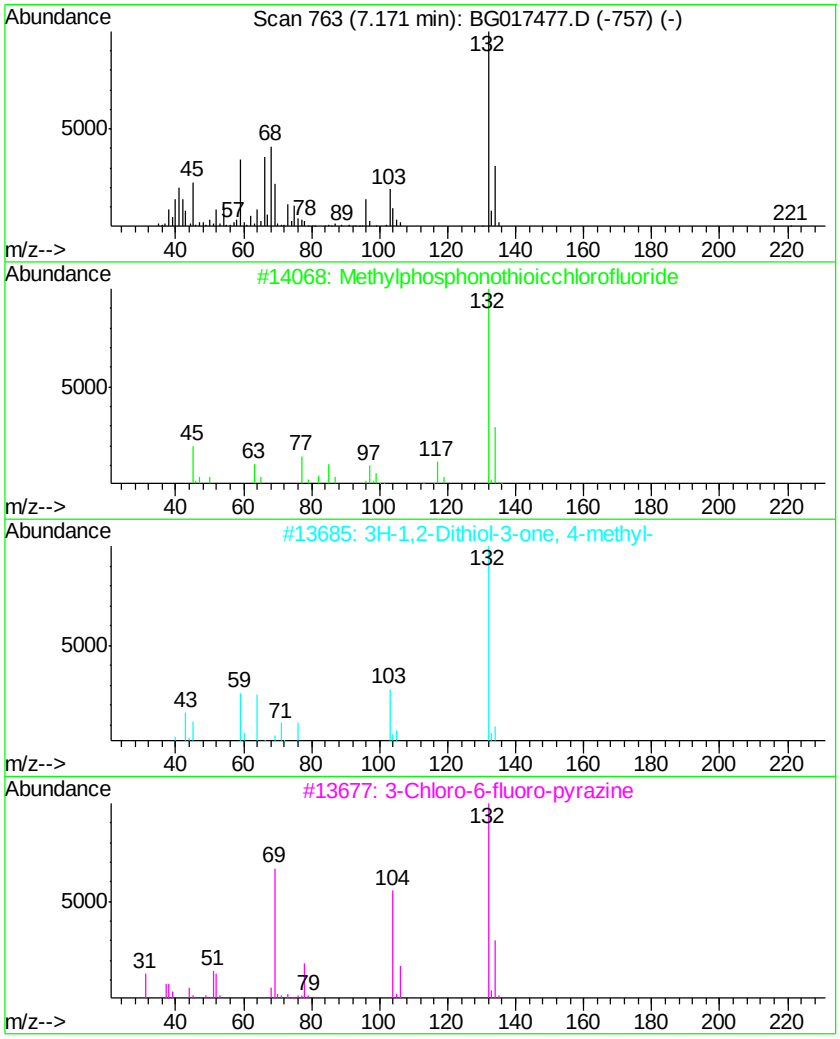
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

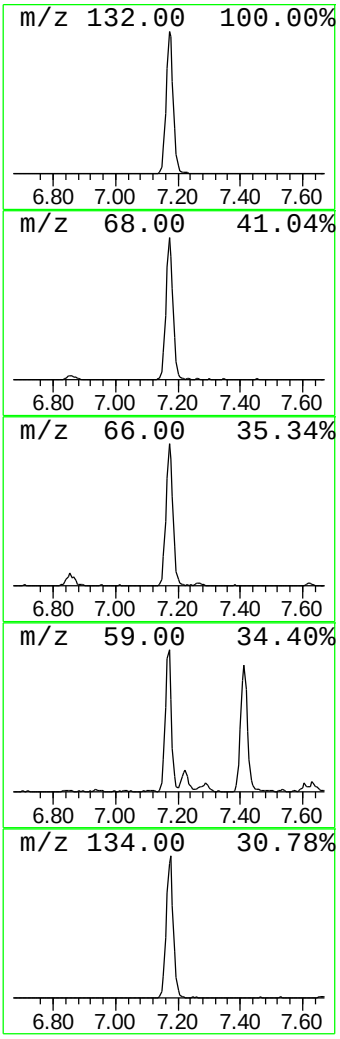
****

Peak Number 1 unknown7.17 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	92.67 ng	746316	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	25
2	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	25
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	22
4	1H-Indenol	132	C9H8O	056631-57-3	22
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

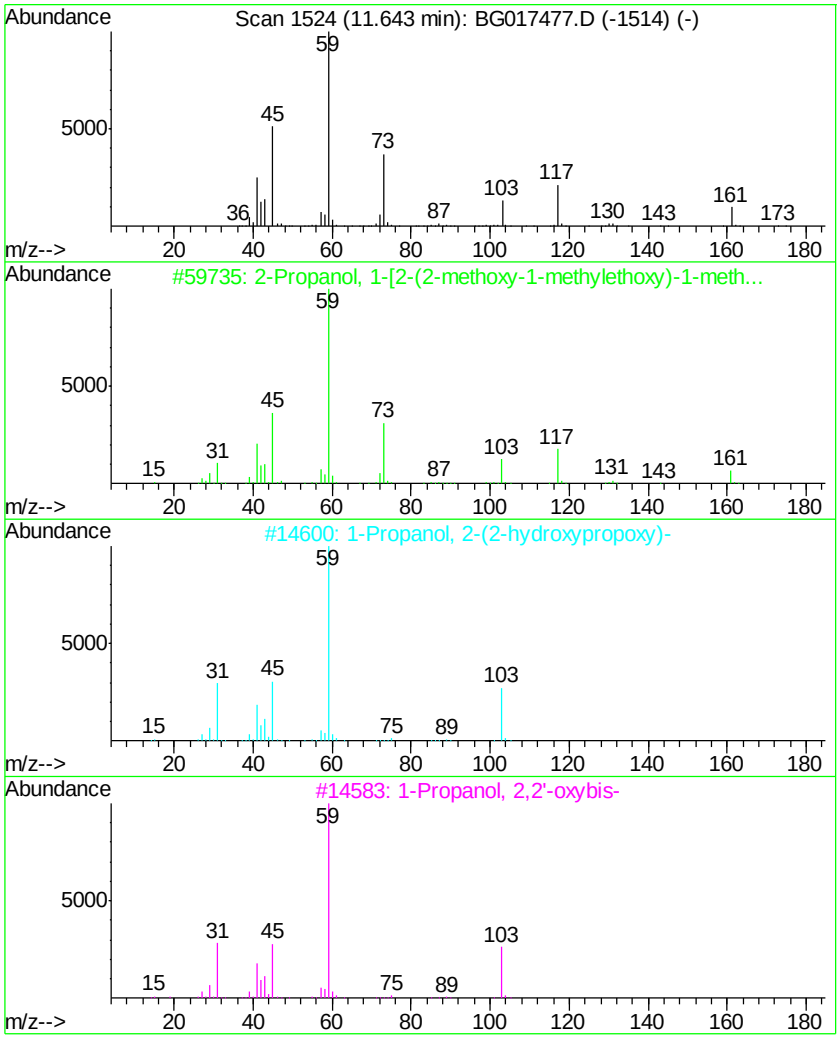
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

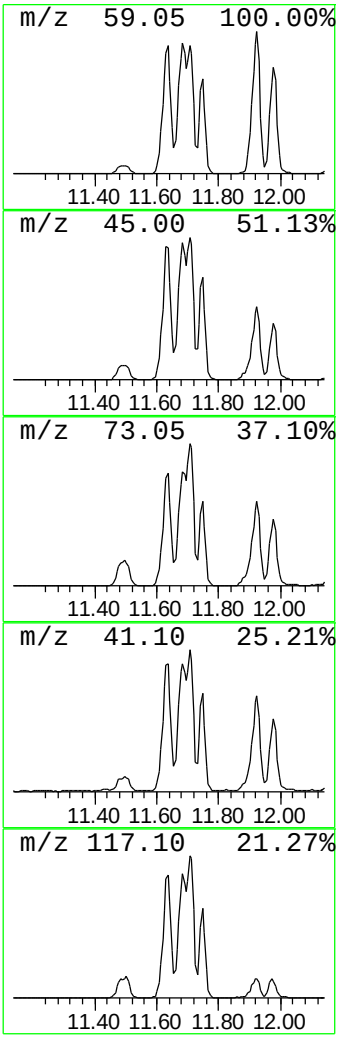
****

Peak Number 3 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	246.04 ng	3043780	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	91
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	47
4	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	45
5	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

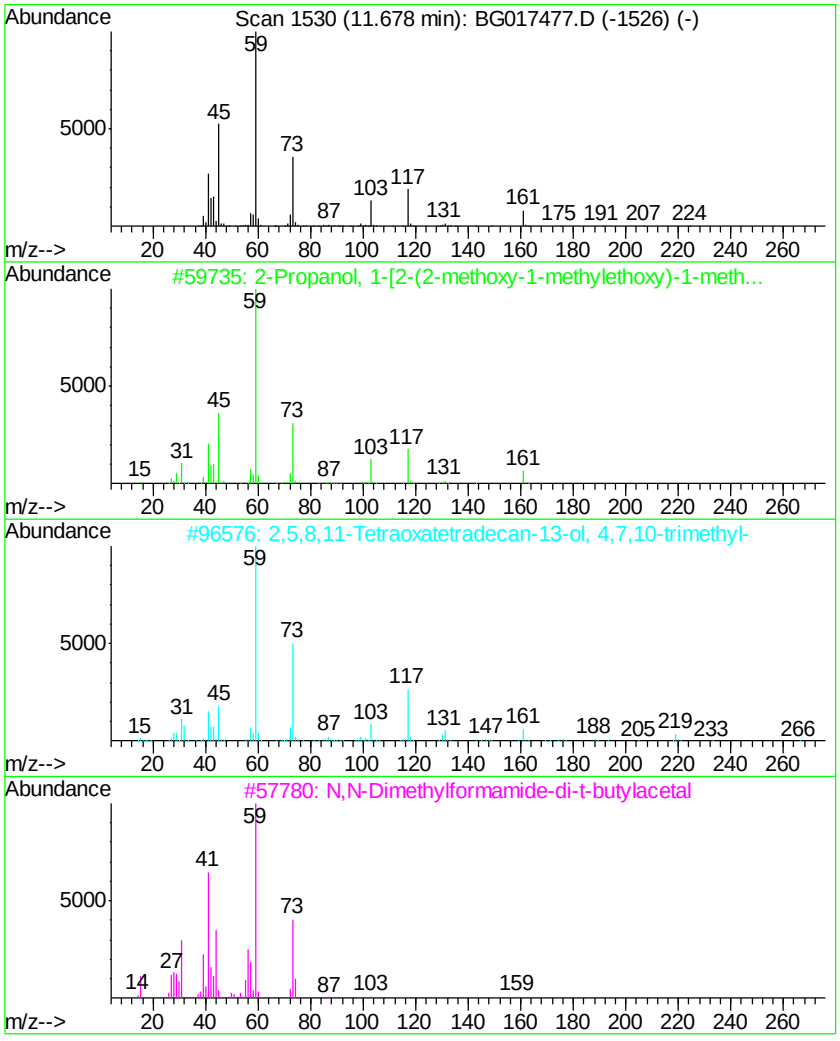
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

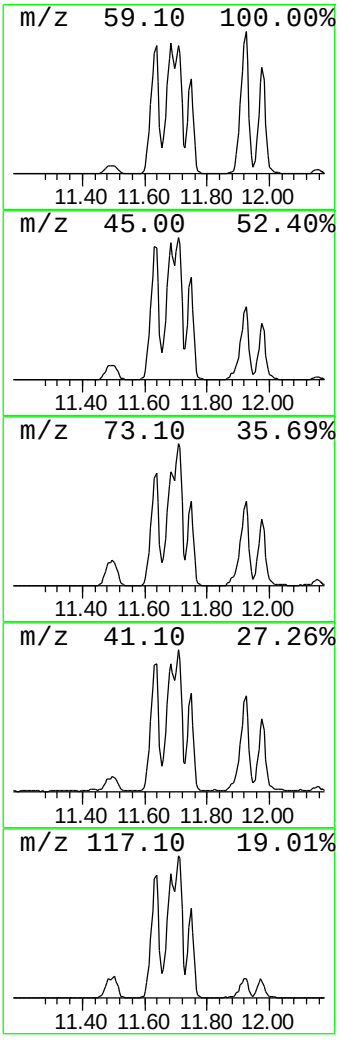
****

Peak Number 4 2,5,8,11-Tetraoxatetradecan... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	243.69 ng	3014620	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	86
2	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	50
3	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	47
4	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	45
5	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

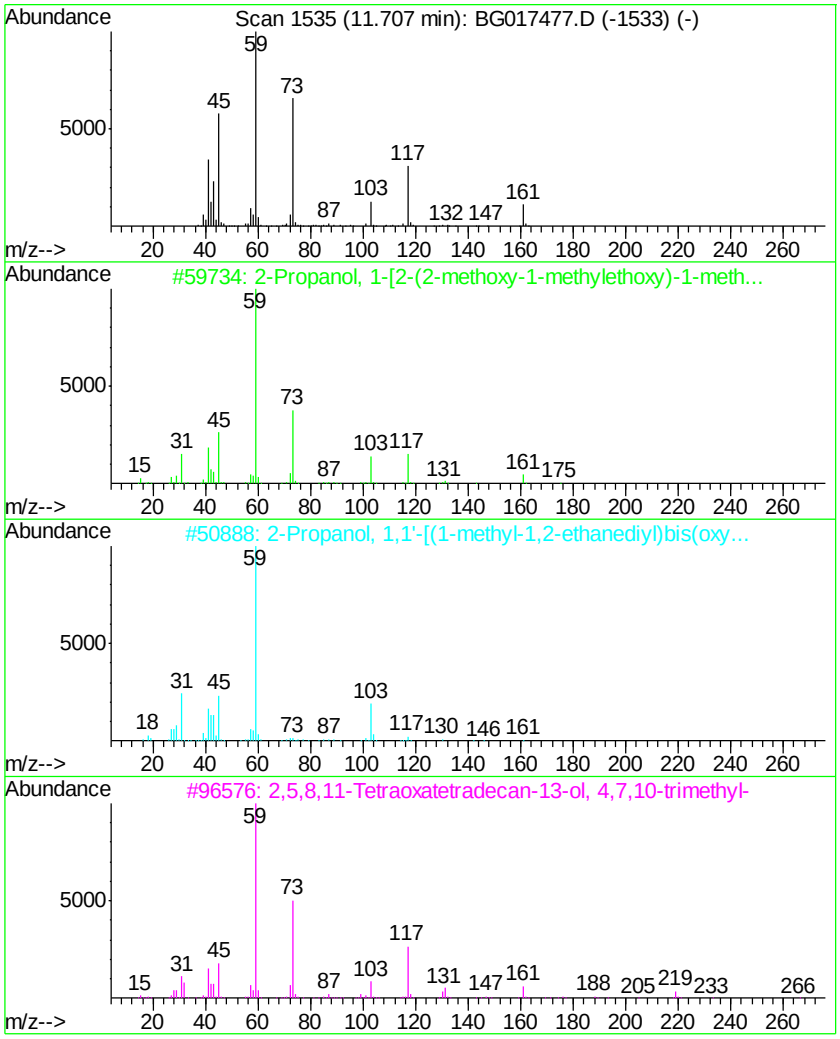
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

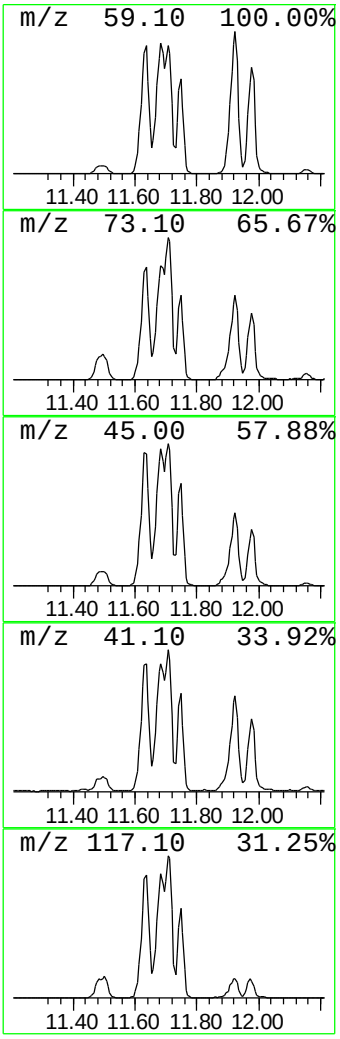
****

Peak Number 5 unknown11.71 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	194.98 ng	2412100	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	72
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	47
3	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	45
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	42
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

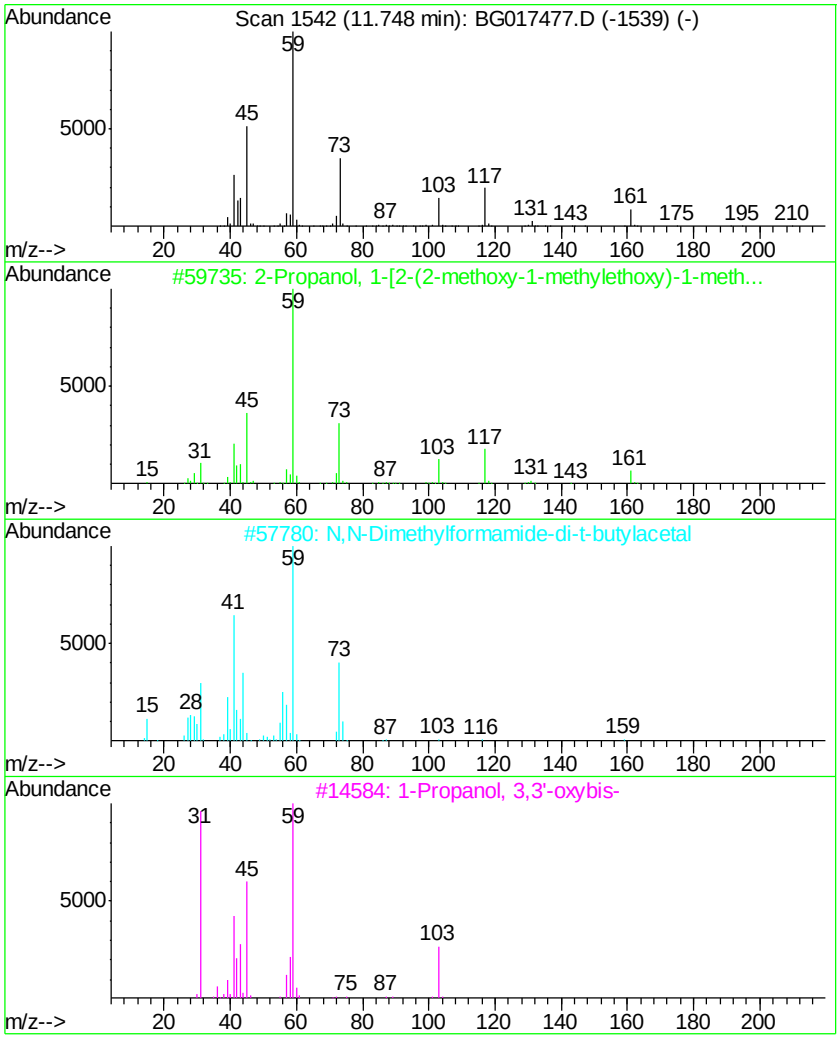
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

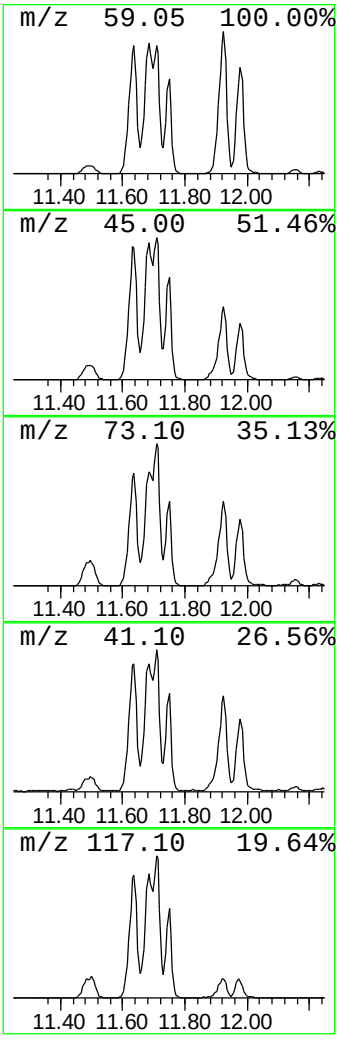
****

Peak Number 6 unknown11.75 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	125.88 ng	1557250	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	86
2	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	47
3	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	45
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	43
5	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

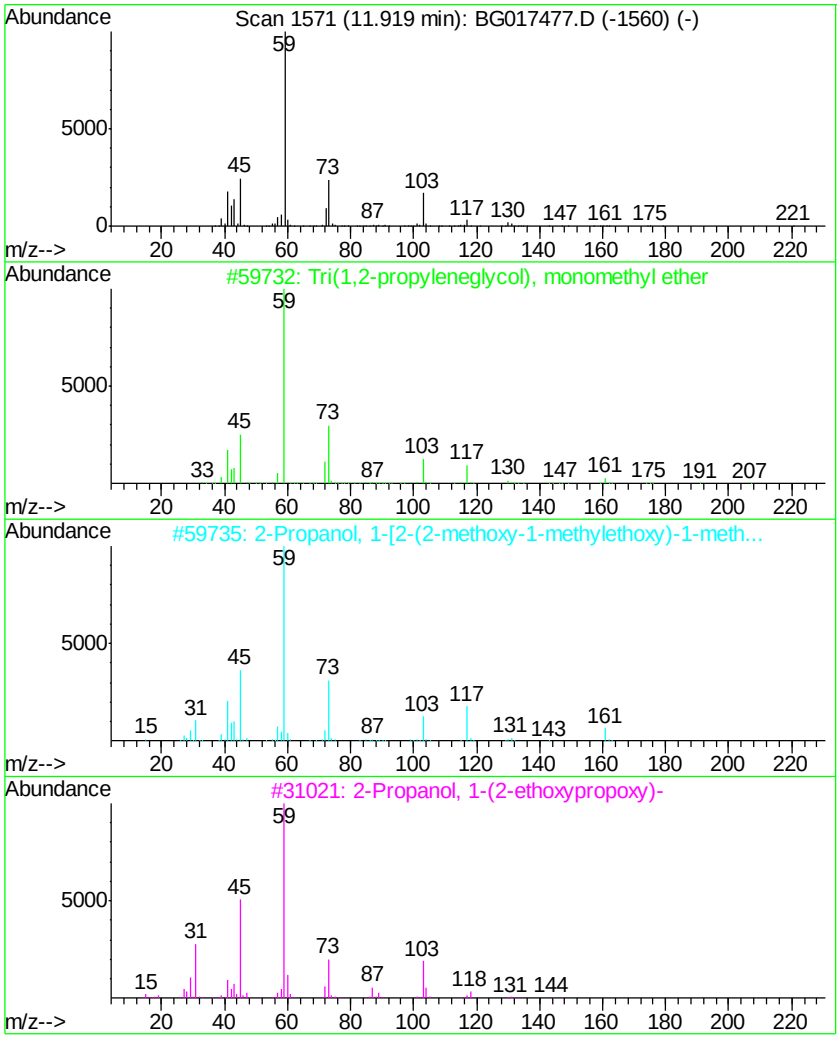
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

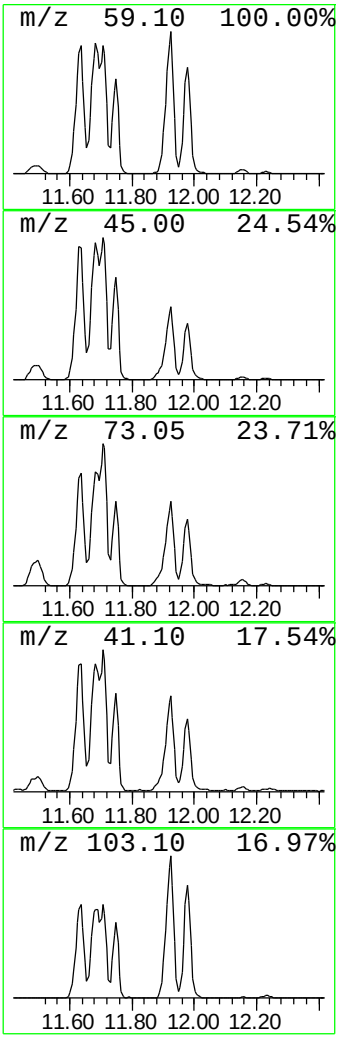
****

Peak Number 7 Tri(1,2-propyleneglycol), m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	223.77 ng	2768260	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	64
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	64
3	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	56
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
5	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

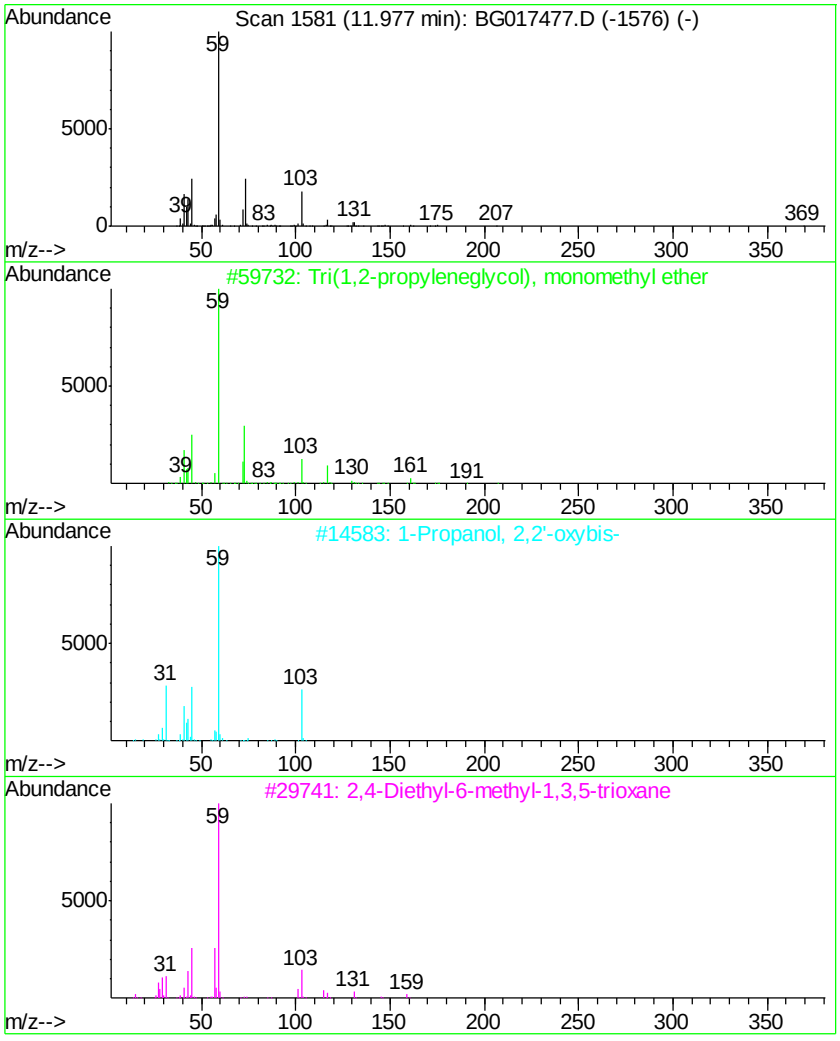
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

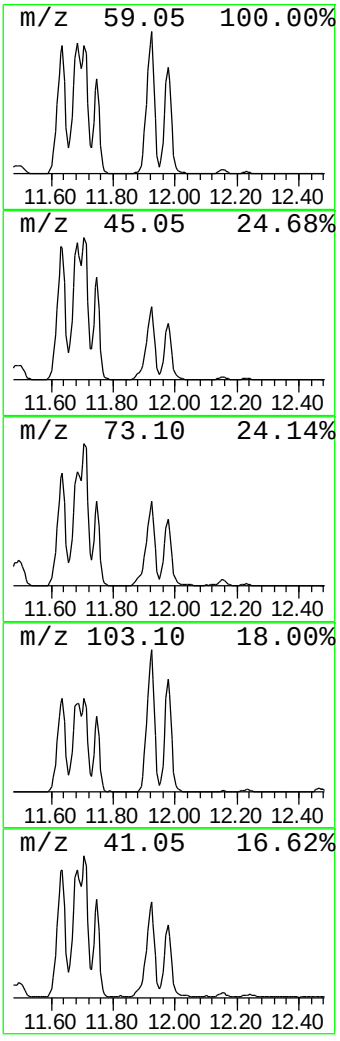
****

Peak Number 8 1-Propanol, 2,2'-oxybis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	140.96 ng	1743770	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	78
2	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
3	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	59
4	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	56
5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	56





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

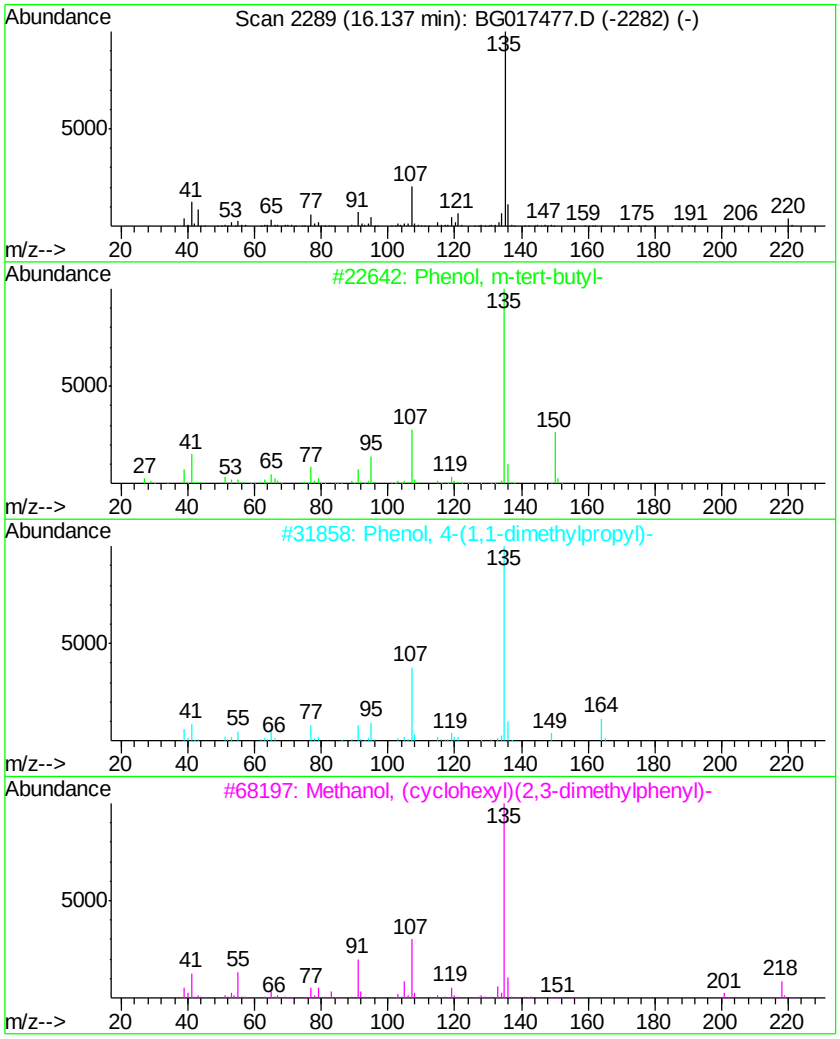
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

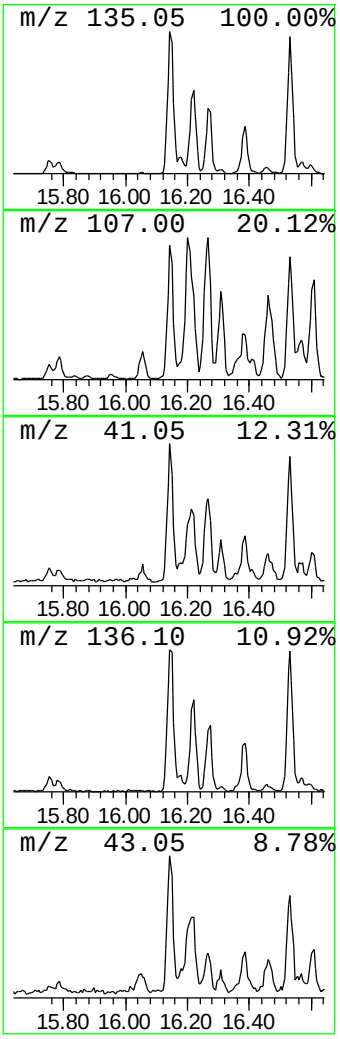
****

Peak Number 9 Phenol, m-tert-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	48.14 ng	916884	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

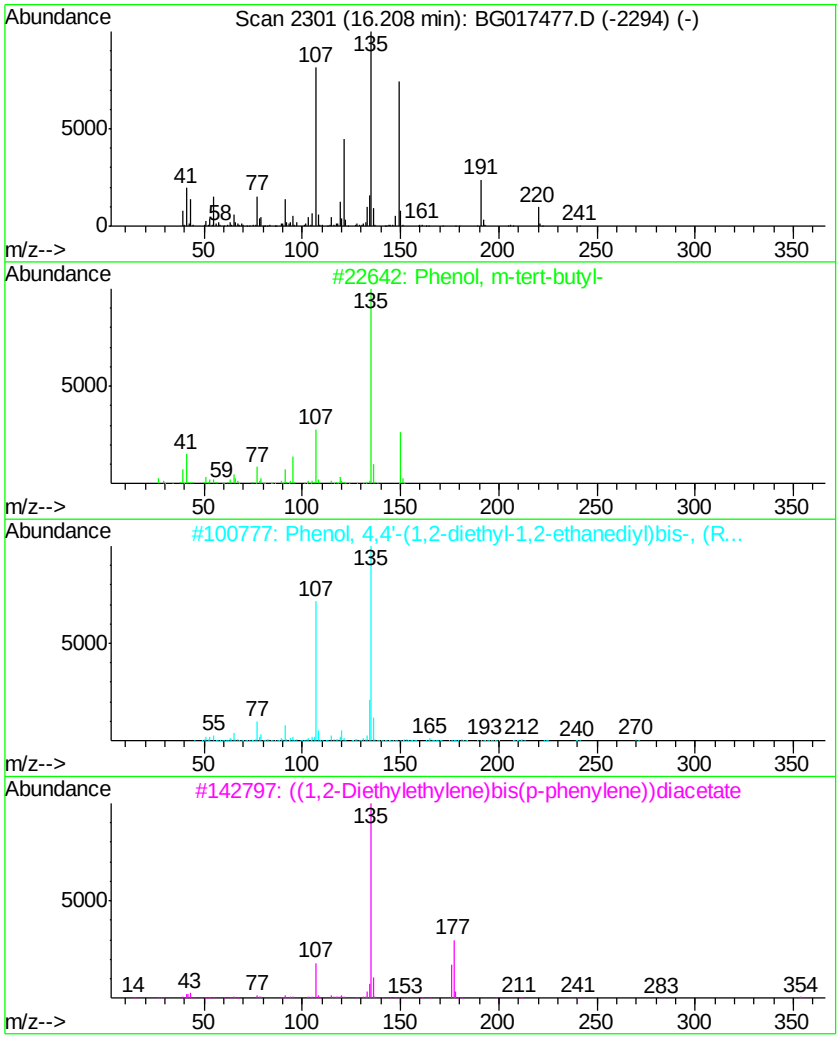
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

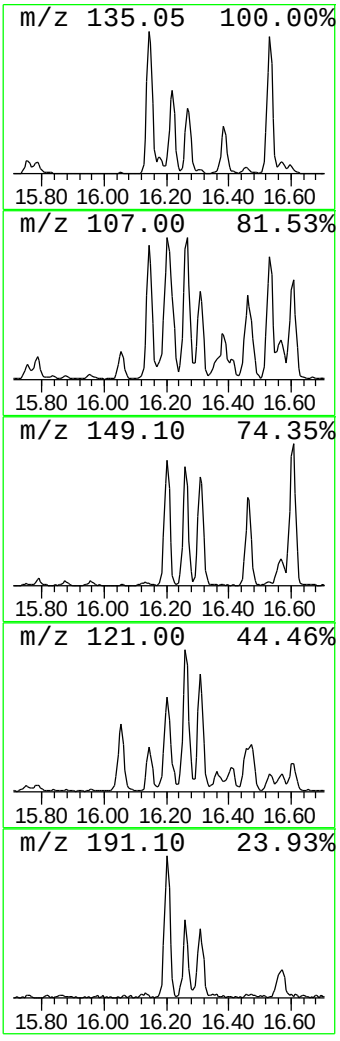
****

Peak Number 10 Phenol, 4,4'-(1,2-diethyl-1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	48.90 ng	931350	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
2	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	59
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	59
5	Hexestrol	270	C18H22O2	005635-50-7	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

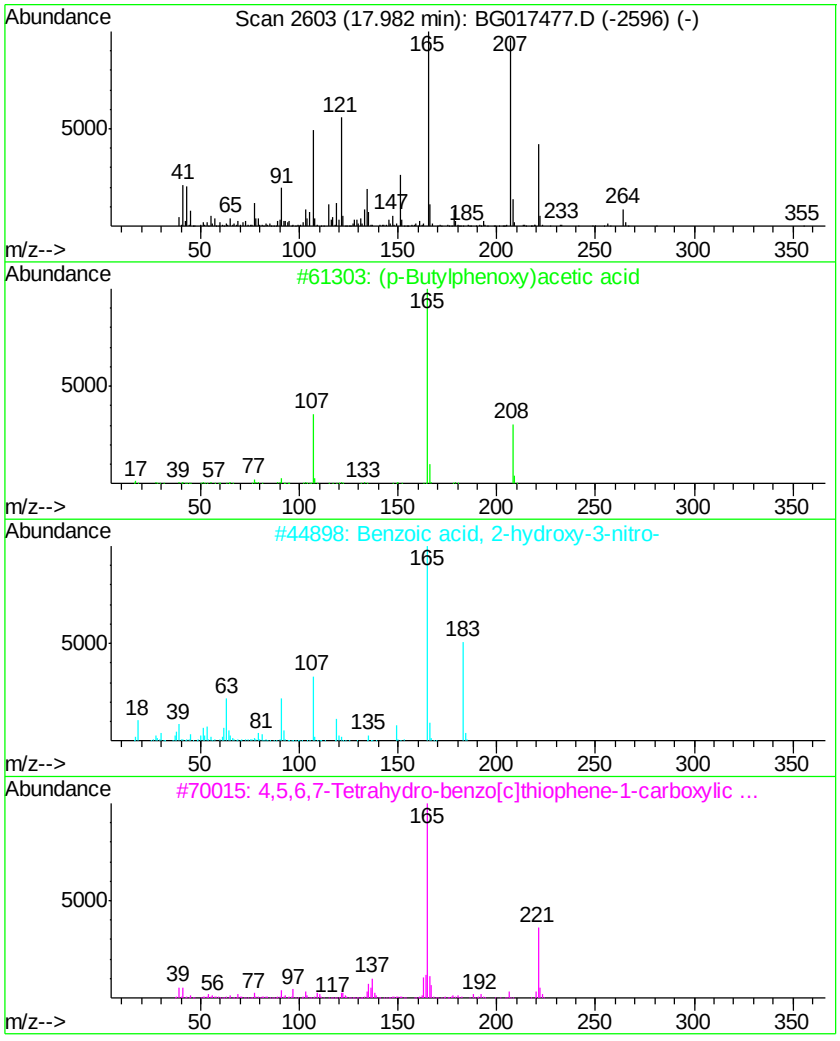
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

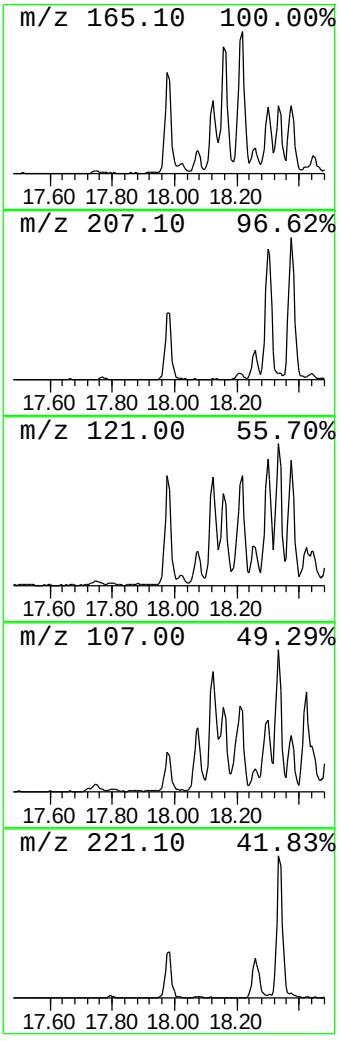
****

Peak Number 11 unknown17.98 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	63.71 ng	1213540	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(p-Butylphenoxy)acetic acid	208	C12H16O3	086167-21-7	38
2	Benzoic acid, 2-hydroxy-3-nitro-	183	C7H5NO5	000085-38-1	35
3	4,5,6,7-Tetrahydro-benzo[c]thiop...	221	C12H15NOS	1000296-67-7	27
4	3-[(3,5-Dimethoxybenzoyl)hydrazo...	337	C16H23N3O5	1000226-04-1	27
5	3-(2,4-Dimethoxyphenyl)butan-2-one	208	C12H16O3	1000191-49-6	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

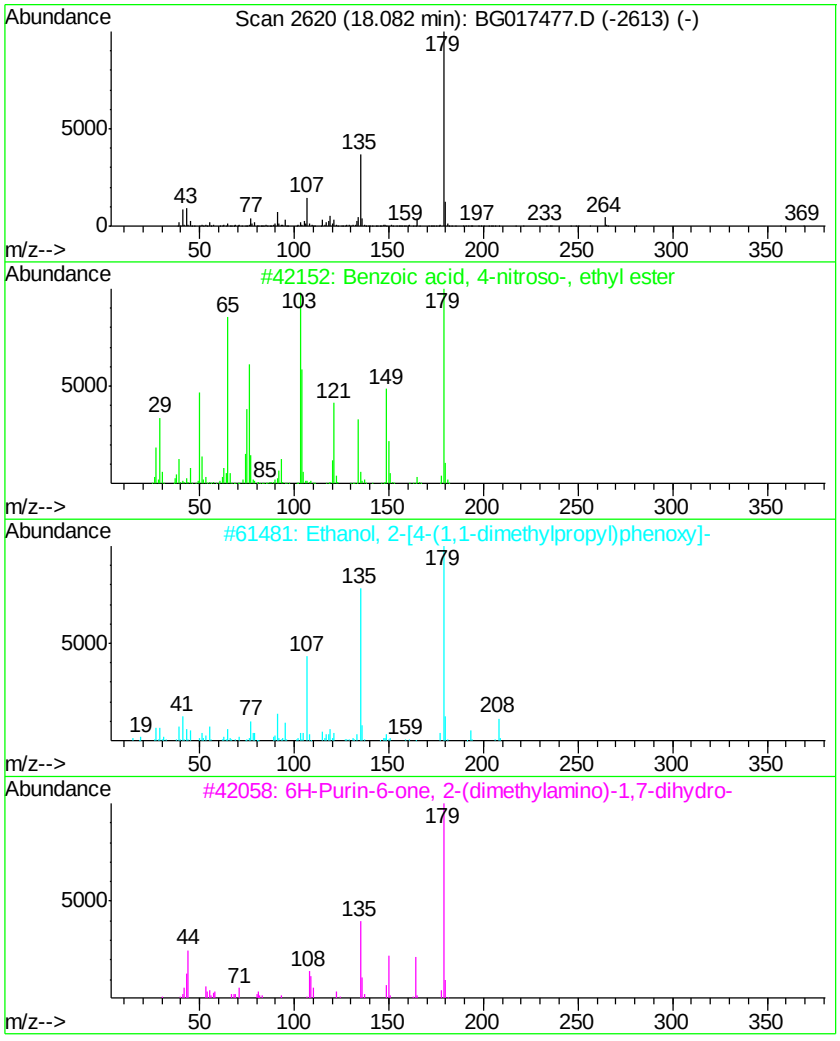
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

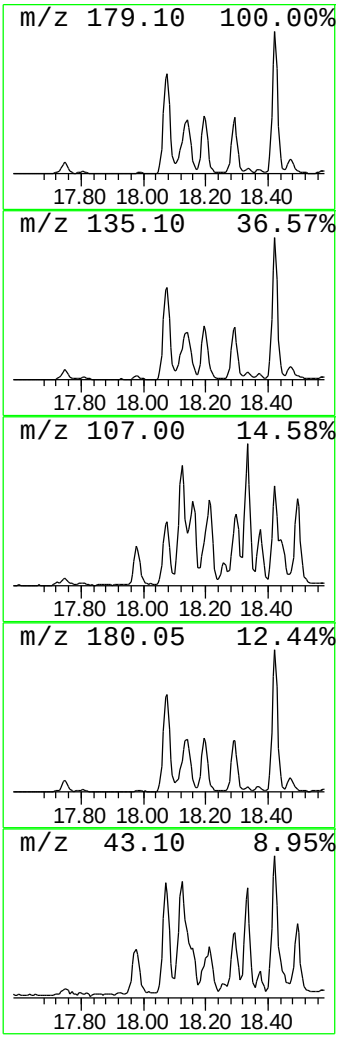
****

Peak Number 12 Benzoic acid, 4-nitroso-, e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	122.71 ng	2337140	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	58
2	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	56
3	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	38
4	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	38
5	[2-(4-Methoxy-phenyl)-[1,3]dioxo...	238	C12H14O5	1000193-22-2	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

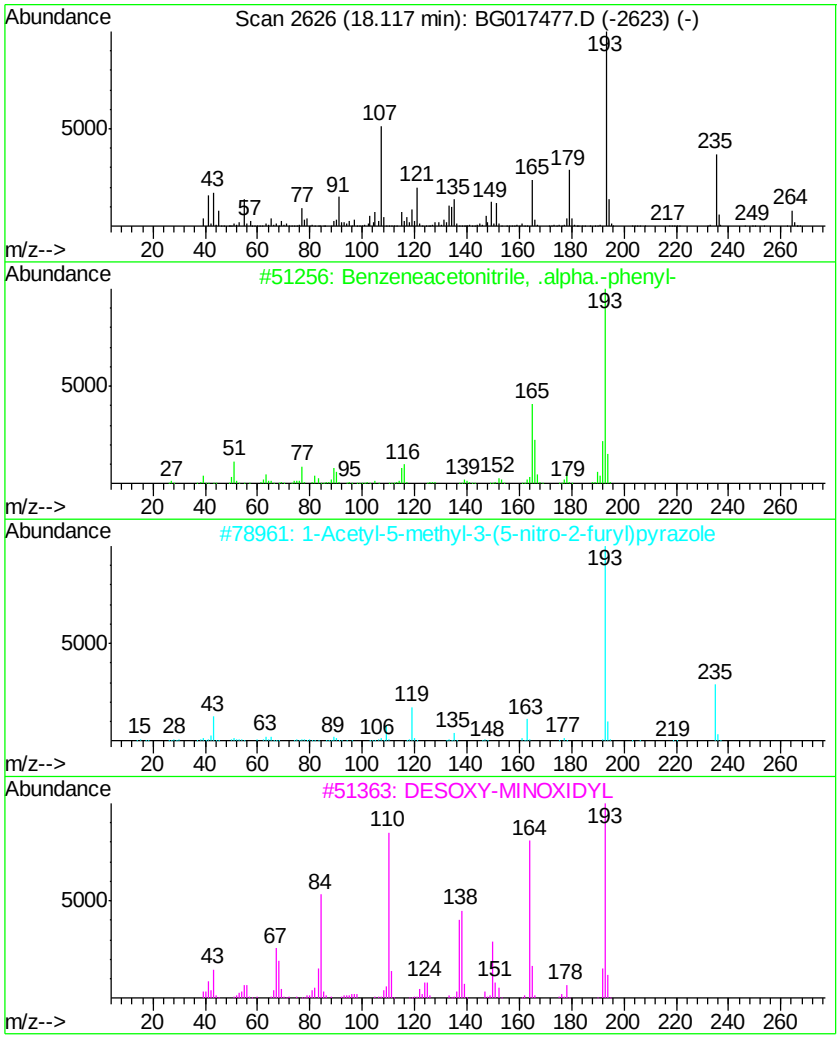
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

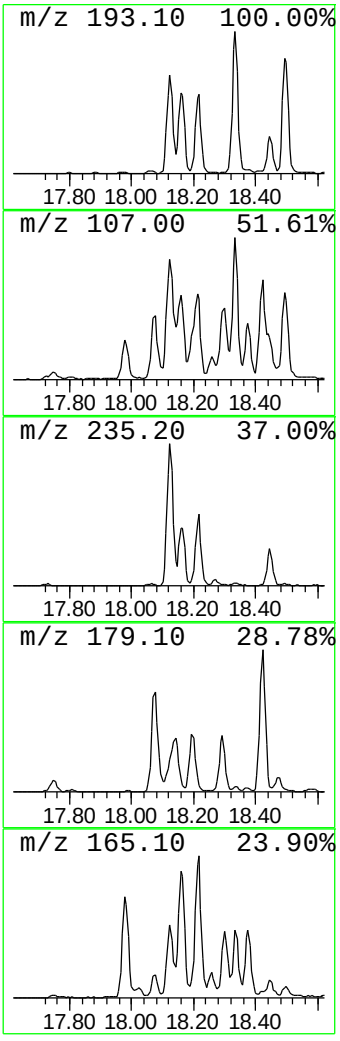
****

Peak Number 13 unknown18.12 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	168.13 ng	3202350	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, .alpha.-phe...	193	C14H11N	000086-29-3	43
2	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	43
3	DESOXY-MINOXIDYL	193	C9H15N5	1000246-13-2	41
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	38
5	Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

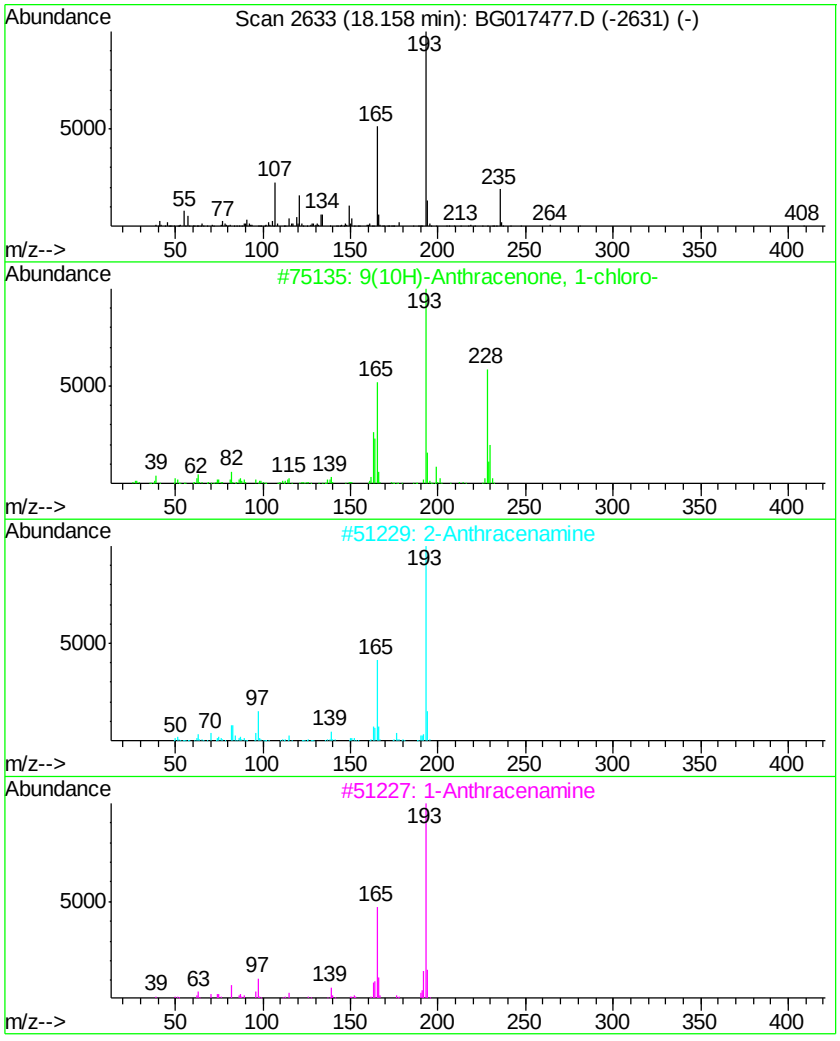
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

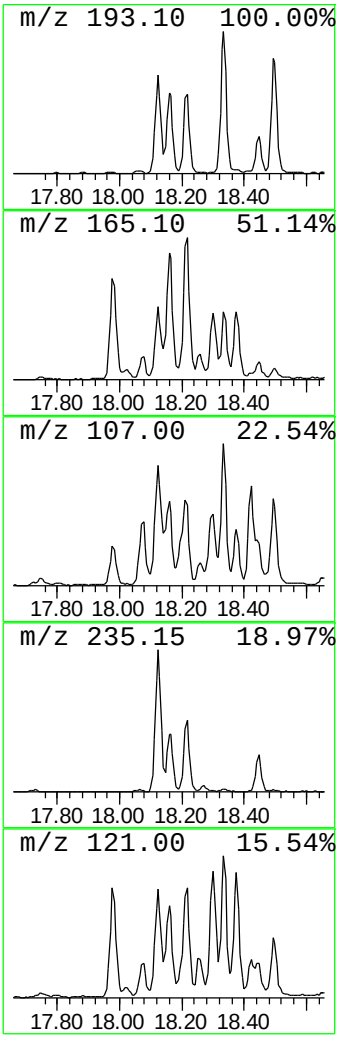
****

Peak Number 14 9(10H)-Anthracenone, 1-chloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	90.67 ng	1727020	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Anthracenone, 1-chloro-	228	C14H9ClO	004887-98-3	53
2	2-Anthracenamine	193	C14H11N	000613-13-8	53
3	1-Anthracenamine	193	C14H11N	000610-49-1	50
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	50
5	6-Hydroxy-7-nitrotetralin	193	C10H11NO3	006240-79-5	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

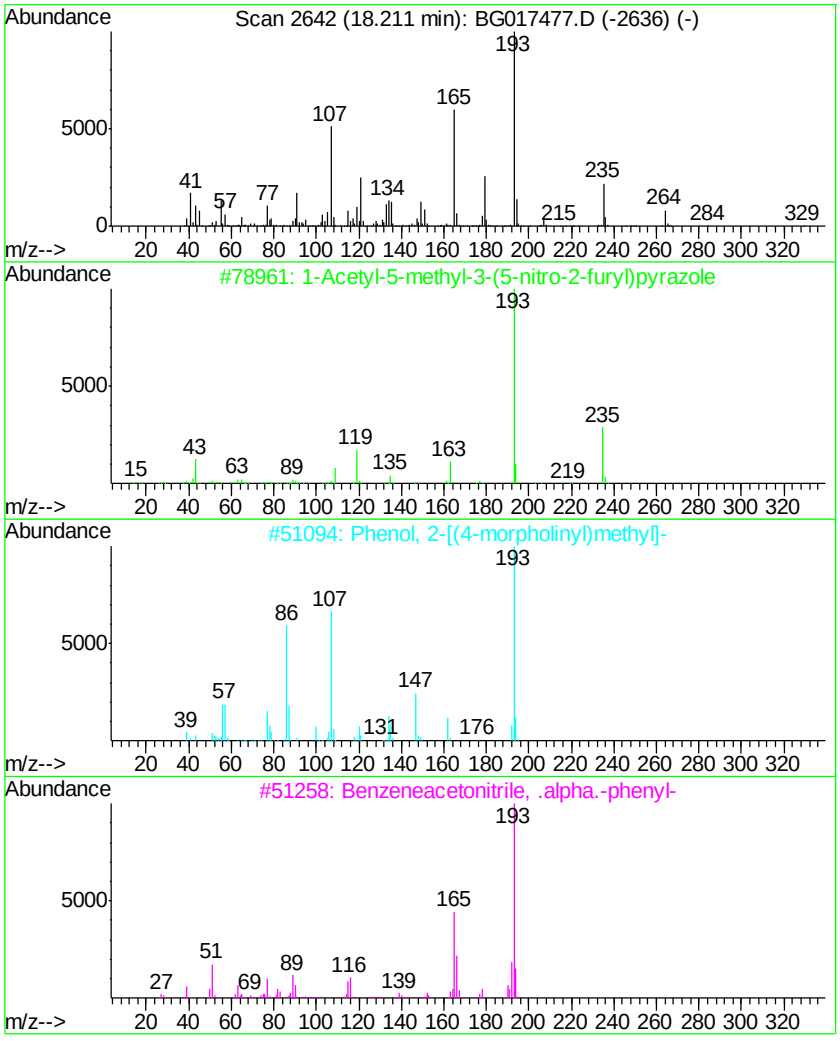
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

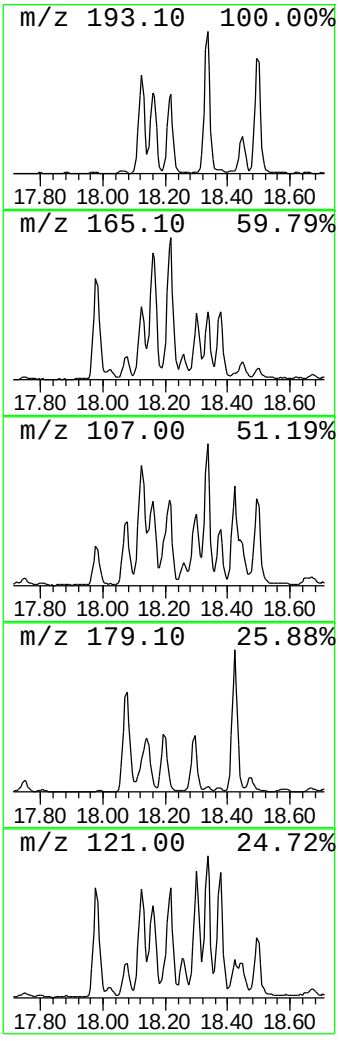
****

Peak Number 15 unknown18.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	157.12 ng	2992710	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	43
2	Phenol, 2-[(4-morpholinyl)methyl]-	193	C11H15NO2	004438-01-1	43
3	Benzeneacetonitrile, .alpha.-phe...	193	C14H11N	000086-29-3	43
4	3,4-Dihydro-6-nitrocoumarin	193	C9H7NO4	020920-99-4	43
5	9(10H)-Anthracenone, 1-chloro-	228	C14H9ClO	004887-98-3	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

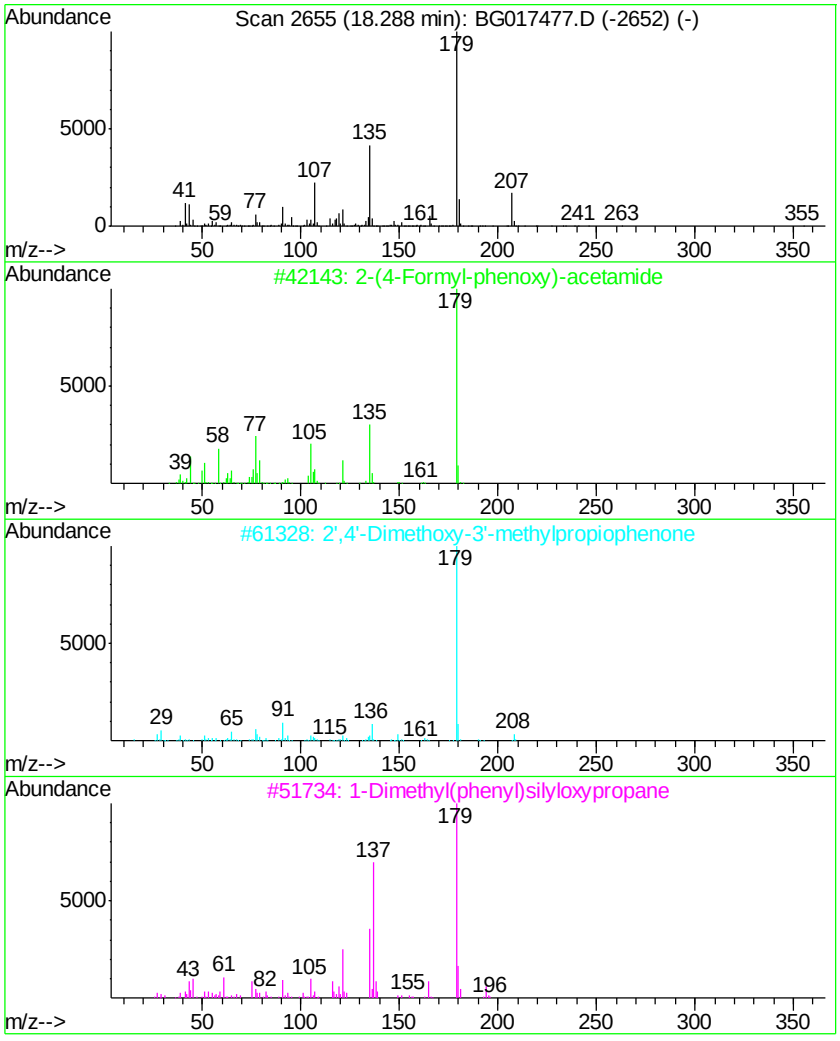
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

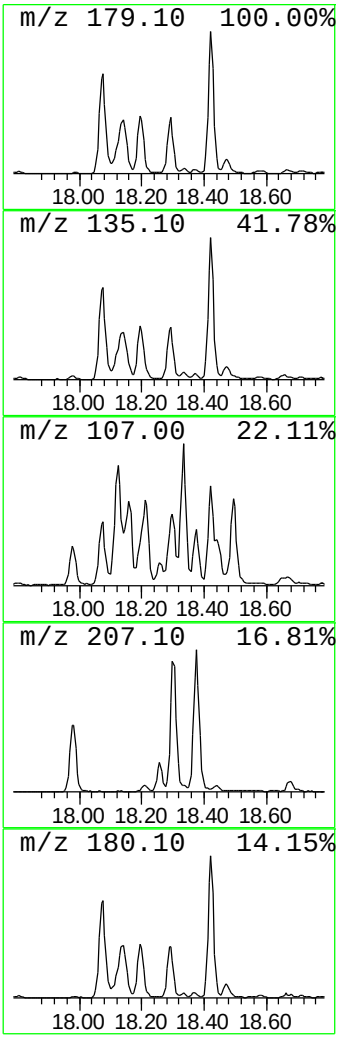
****

Peak Number 16 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	120.68 ng	2298470	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	50
2	2',4'-Dimethoxy-3'-methylpropiop...	208	C12H16O3	077942-13-3	38
3	1-Dimethyl(phenyl)silyloxypropane	194	C11H18OSi	013360-21-9	37
4	4-Ethoxy-2-(methylamino)tropone	179	C10H13NO2	1000241-45-1	35
5	Acetic acid, 2-(5-trifluoromethy...	368	C13H9Cl2F3N2O3	1000268-22-1	33





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

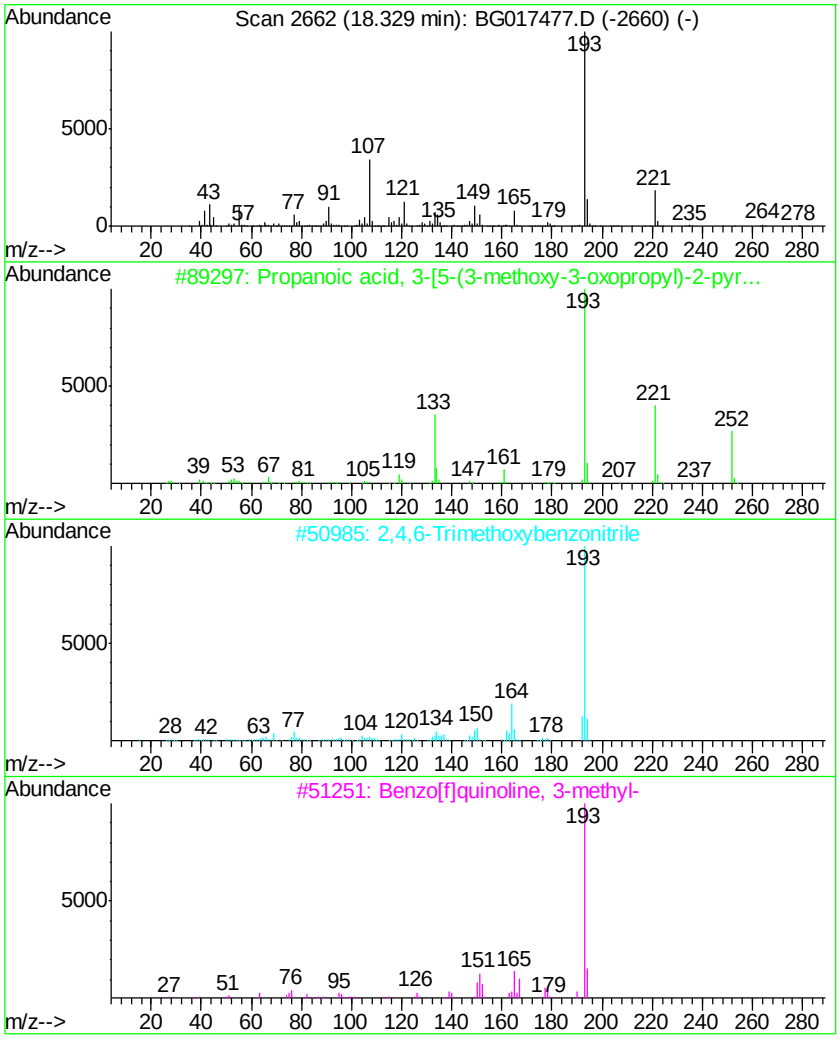
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

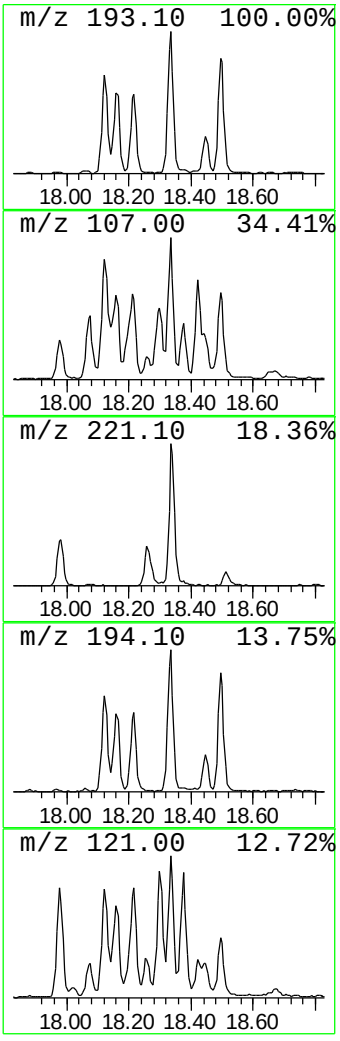
****

Peak Number 17 unknown18.33 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	130.51 ng	2485750	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 3-[5-(3-methoxy-...	252	C12H16N2O4	077479-01-7	43
2	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	43
3	Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	43
4	3-Phenylindole	193	C14H11N	001504-16-1	38
5	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

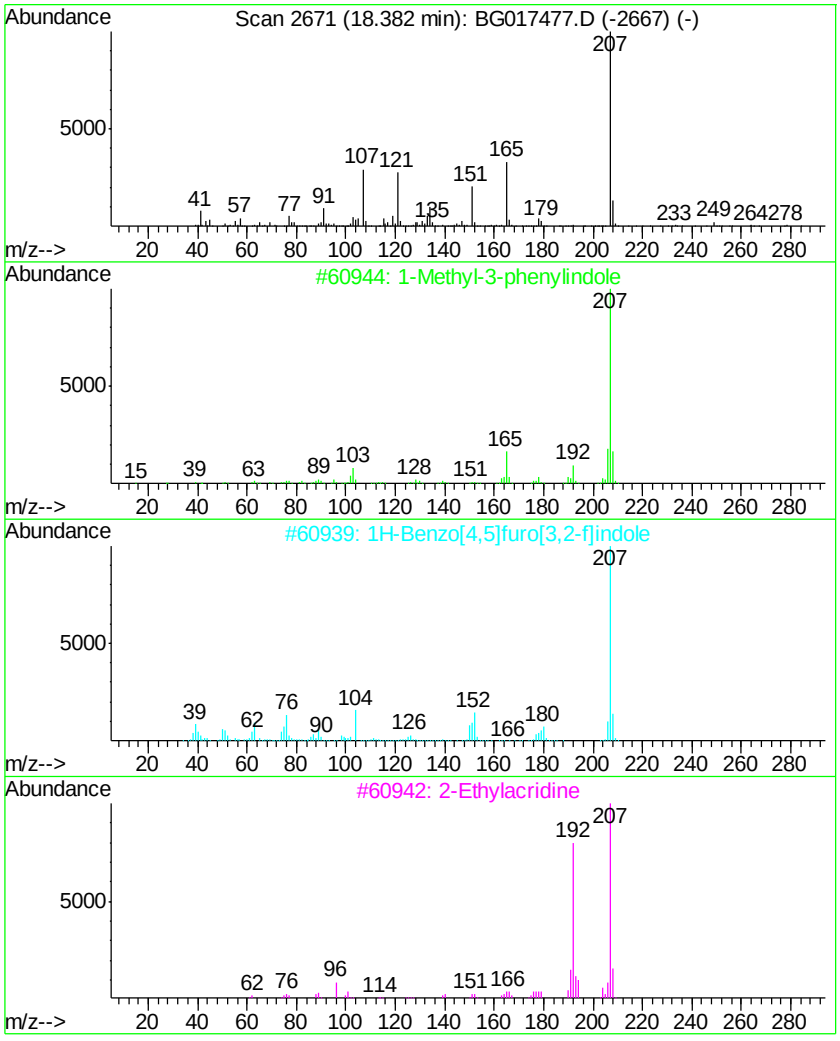
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

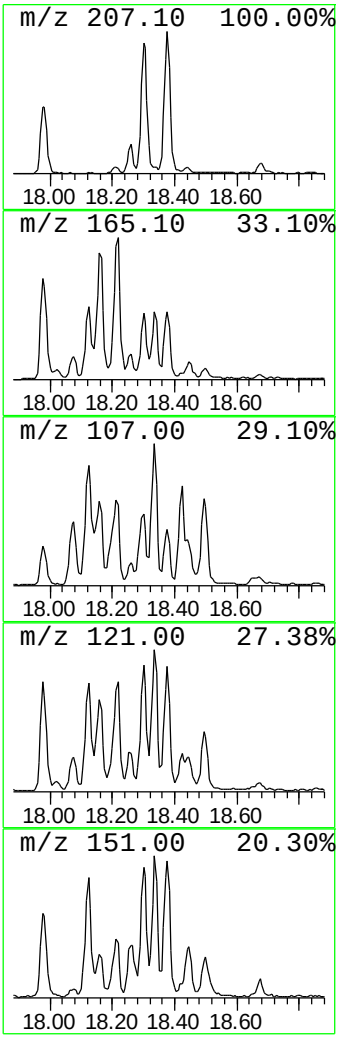
****

Peak Number 18 1-Methyl-3-phenylindole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	64.53 ng	1229100	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-phenylindole	207	C15H13N	030020-98-5	50
2	1H-Benzo[4,5]furo[3,2-f]indole	207	C14H9NO	000242-97-7	47
3	2-Ethylacridine	207	C15H13N	055751-83-2	43
4	Brallobarbital	286	C10H11BrN2O3	000561-86-4	43
5	Acetamide, N-[4-(trimethylsilyl)...	207	C11H17NOSi	017983-71-0	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

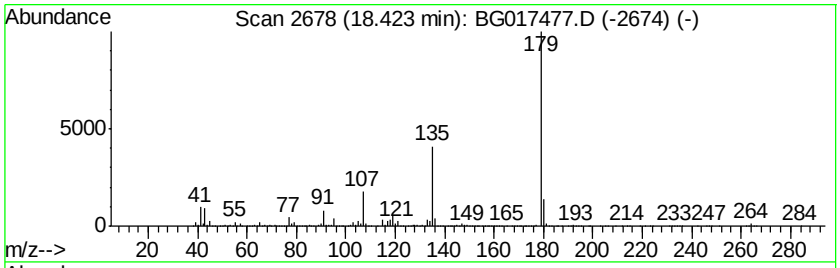
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

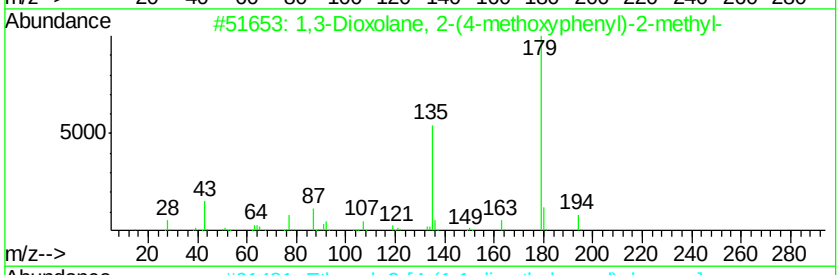
****

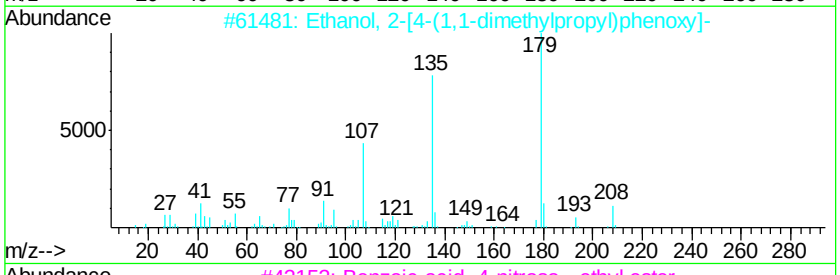
Peak Number 19 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 5

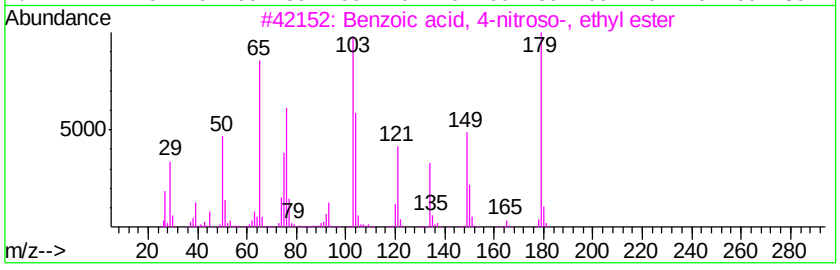
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	178.09 ng	3392080	Phenanthrene-d10	17.05

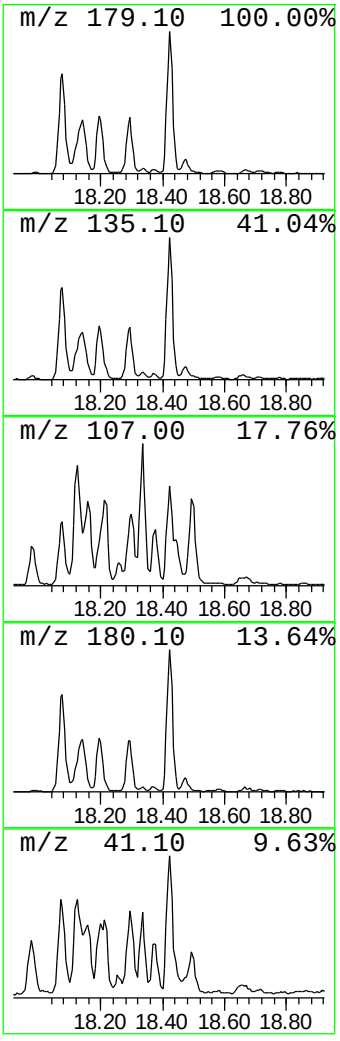
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	72
2	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	64
3	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	55
4	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	42
5	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	42











Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

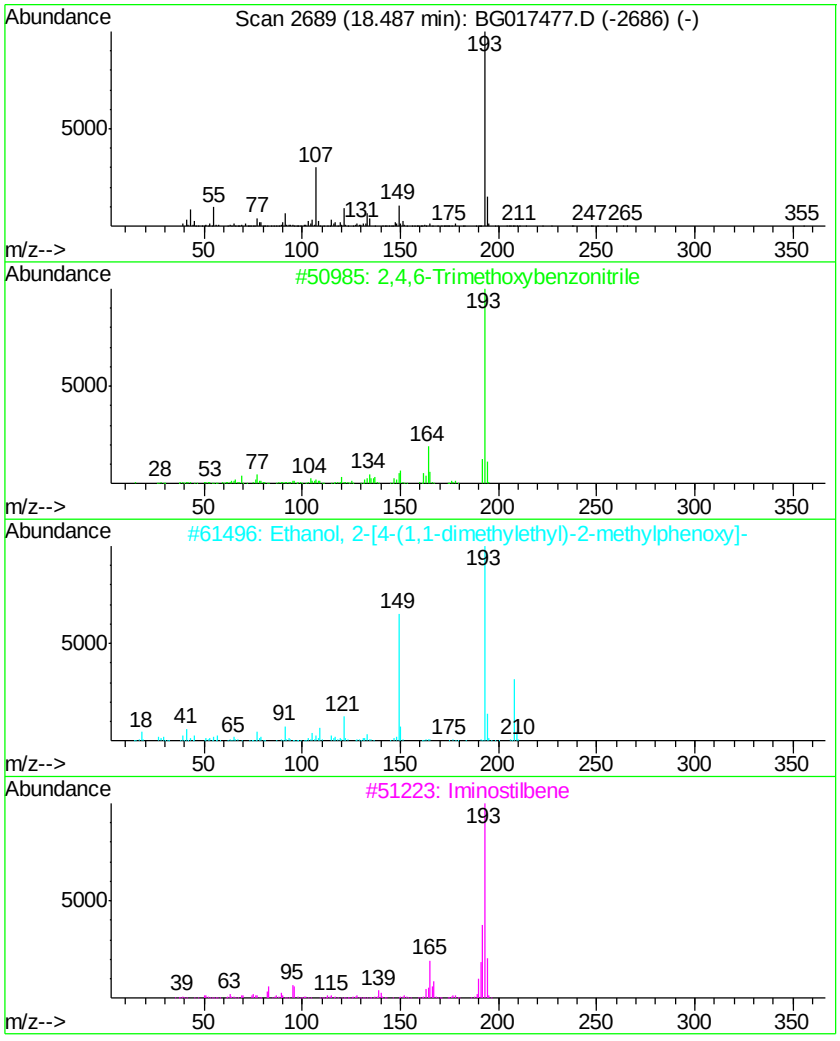
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

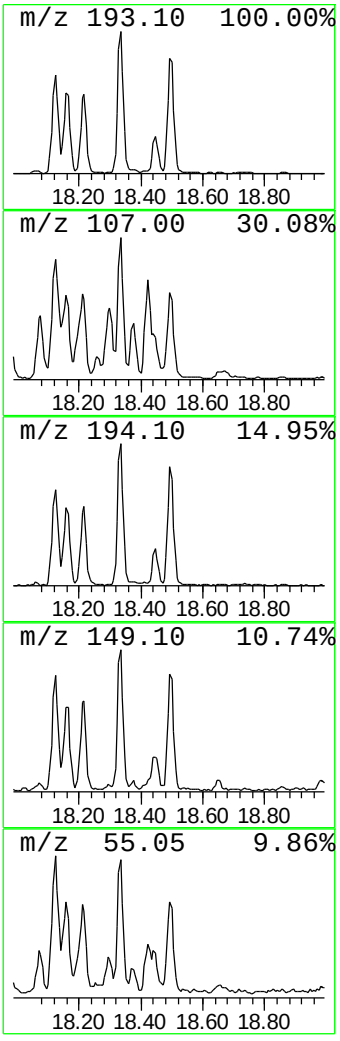
****

Peak Number 20 2,4,6-Trimethoxybenzonitrile Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	85.18 ng	1622310	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	52
2	Ethanol, 2-[4-(1,1-dimethylethyl...	208	C13H20O2	054934-87-1	40
3	Iminostilbene	193	C14H11N	000256-96-2	40
4	2-Phenylindolizine	193	C14H11N	025379-20-8	40
5	9-Vinylcarbazole	193	C14H11N	001484-13-5	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.17	7.17	92.7	ng	746316	1	7.62	161068	20.0
2-Propanol, 1-[2-...	11.64	246.0	ng	3043780	2	10.42	247418	20.0
2,5,8,11-Tetraoxa...	11.68	243.7	ng	3014620	2	10.42	247418	20.0
unknown11.71	11.71	195.0	ng	2412100	2	10.42	247418	20.0
unknown11.75	11.75	125.9	ng	1557250	2	10.42	247418	20.0
Tri(1,2-propylene...	11.92	223.8	ng	2768260	2	10.42	247418	20.0
1-Propanol, 2,2'-...	11.98	141.0	ng	1743770	2	10.42	247418	20.0
Phenol, m-tert-bu...	16.14	48.1	ng	916884	4	17.05	380935	20.0
Phenol, 4,4'-(1,2...	16.21	48.9	ng	931350	4	17.05	380935	20.0
unknown17.98	17.98	63.7	ng	1213540	4	17.05	380935	20.0
Benzoic acid, 4-n...	18.08	122.7	ng	2337140	4	17.05	380935	20.0
unknown18.12	18.12	168.1	ng	3202350	4	17.05	380935	20.0
9(10H)-Anthraceno...	18.16	90.7	ng	1727020	4	17.05	380935	20.0
unknown18.21	18.21	157.1	ng	2992710	4	17.05	380935	20.0
2-(4-Formyl-pheno...	18.29	120.7	ng	2298470	4	17.05	380935	20.0
unknown18.33	18.33	130.5	ng	2485750	4	17.05	380935	20.0
1-Methyl-3-phenyl...	18.38	64.5	ng	1229100	4	17.05	380935	20.0
1,3-Dioxolane, 2-...	18.42	178.1	ng	3392080	4	17.05	380935	20.0
2,4,6-Trimethoxyb...	18.49	85.2	ng	1622310	4	17.05	380935	20.0